



TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) August 2001
(through week 35 ending September 1, 2001)

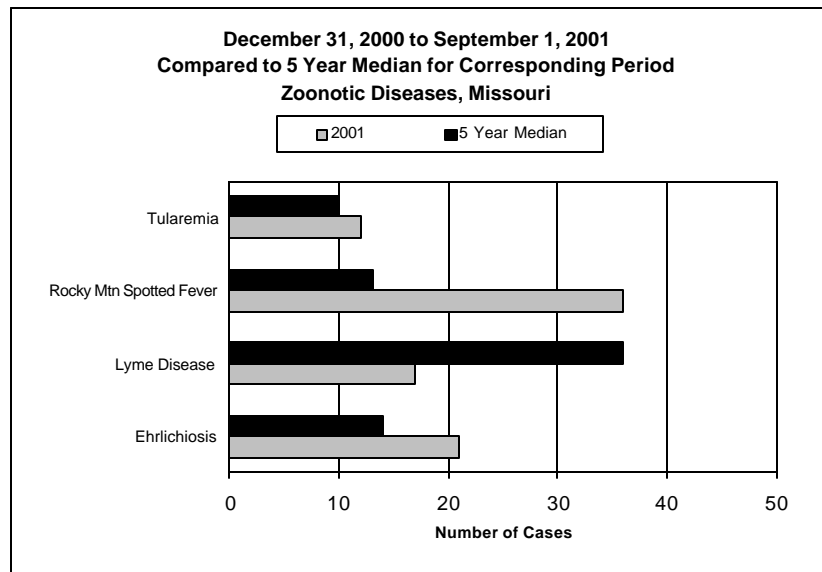
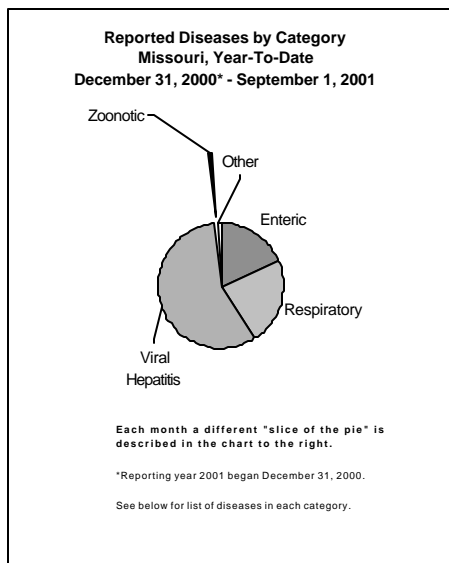
DATE: September 17, 2001

The Section of Communicable Disease Control and Veterinary Public Health publishes a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health and Senior Services Homepage at www.dhss.state.mo.us under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

Monthly Communicable Disease Update, August, 2001 (Provisional Data)



Reported Cases of Selected Diseases by Category

| | 2001 Aug | 2001 YTD | 2000 YTD | 5 Year Median YTD | % Change 5 Year Median | Number of Cases, August 2001 by Health District | | | | | | |
|---------------------------|-------------|-------------|-------------|----------------------|---------------------------|---|----|----|----|----|----|-----|
| | | | | | | CD | ED | NE | NW | SE | SW | Unk |
| Enteric Diseases | | | | | | | | | | | | |
| Campylobacteriosis | 90 | 424 | 458 | 364 | + | 16.48% | 8 | 39 | 7 | 8 | 4 | 23 |
| Cryptosporidiosis | 9 | 28 | 22 | 16 | + | 75.00% | 0 | 4 | 0 | 0 | 1 | 4 |
| E. coli O157:H7 # | 10 | 33 | 85 | 35 | - | 5.71% | 3 | 3 | 1 | 0 | 2 | 1 |
| Giardiasis | 120 | 481 | 515 | 386 | + | 24.61% | 11 | 58 | 6 | 13 | 6 | 26 |
| Listeria monocytogenes | 2 | 5 | 3 | 5 | - | 0.00% | 0 | 1 | 0 | 1 | 0 | 0 |
| Salmonellosis | 112 | 391 | 484 | 392 | - | 0.26% | 14 | 45 | 4 | 14 | 18 | 17 |
| Shigellosis | 42 | 198 | 500 | 218 | - | 9.17% | 8 | 27 | 1 | 4 | 1 | 1 |
| Yersinia enterocolitica | 3 | 12 | 10 | 8 | + | 50.00% | 1 | 2 | 0 | 0 | 0 | 0 |
| Respiratory | | | | | | | | | | | | |
| Influenza (Lab Confirmed) | 0 | 1872 | 2418 | 259 | + | 622.78% | 0 | 0 | 0 | 0 | 0 | 0 |
| Legionellosis | 4 | 17 | 21 | 7 | + | 142.86% | 0 | 1 | 0 | 1 | 0 | 2 |
| Viral Hepatitis | | | | | | | | | | | | |
| Hepatitis A | 8 | 74 | 226 | 378 | - | 80.42% | 0 | 3 | 0 | 3 | 0 | 2 |
| Hepatitis B | 5 | 68 | 105 | 127 | - | 46.46% | 1 | 1 | 0 | 0 | 0 | 3 |
| Hepatitis C (Acute)* | 0 | 7 | 0 | na | na | na | 0 | 0 | 0 | 0 | 0 | 0 |
| Hepatitis C (Other)* | 242 | 4696 | 0 | na | na | na | 70 | 61 | 7 | 30 | 25 | 49 |
| Zoonotic | | | | | | | | | | | | |
| Ehrlichiosis | 2 | 21 | 46 | 14 | + | 50.00% | 2 | 0 | 0 | 0 | 0 | 0 |
| Lyme Disease | 1 | 17 | 41 | 36 | - | 52.78% | 0 | 0 | 0 | 0 | 1 | 0 |
| Rocky Mtn Spotted Fever | 7 | 36 | 22 | 13 | + | 176.92% | 1 | 1 | 1 | 0 | 1 | 3 |
| Tularemia | 3 | 12 | 22 | 10 | + | 20.00% | 1 | 0 | 0 | 0 | 0 | 2 |
| Other | | | | | | | | | | | | |
| HIB Disease | 2 | 13 | 15 | 6 | + | 116.67% | 0 | 1 | 0 | 1 | 0 | 0 |
| Malaria | 0 | 9 | 9 | 9 | - | 0.00% | 0 | 0 | 0 | 0 | 0 | 0 |
| Meningococcal Disease | 2 | 39 | 51 | 51 | - | 23.53% | 0 | 0 | 0 | 0 | 0 | 2 |

*Hepatitis C became reportable in 1997: it was previously included in Hepatitis Non A, Non B.
Hepatitis C (Other) represents positive tests (HCV EIA, RIBA or PCR) but did not meet CDC's case definition for acute Hepatitis C.
Reportable diseases of very low incidence (<10 cases in previous year) are not included.
not divisible by zero.

2000 Census Population by Missouri Health District

| Central (CD) | Eastern (ED) | Northeast (NE) | Northwest (NW) | Southeast (SE) | Southwest (SW) |
|--------------|--------------|----------------|----------------|----------------|----------------|
| 721,996 | 1,940,293 | 256,339 | 1,311,453 | 551,105 | 814,025 |

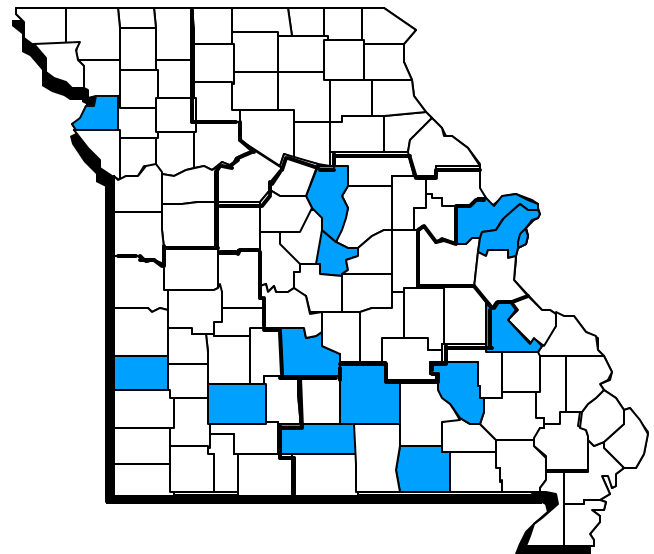
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Monthly Communicable Disease Update, August, 2001 (Provisional Data)

Confirmed Rabies in Animals

| Species | August | | YTD | |
|----------------|---------|------------|---------|------------|
| | # Exams | # Positive | # Exams | # Positive |
| Dog | 73 | 0 | 475 | 1 |
| Cat | 80 | 0 | 528 | 1 |
| Bat | 240 | 11 | 736 | 25 |
| Skunk | 8 | 1 | 37 | 4 |
| Fox | 1 | 0 | 13 | 0 |
| Cow | 2 | 0 | 25 | 0 |
| Horse | 1 | 0 | 6 | 1 |
| Ferret | 1 | 0 | 10 | 0 |
| Raccoon | 21 | 0 | 148 | 0 |
| Rodent/Rabbit | 12 | 0 | 107 | 0 |
| Other Domestic | 0 | 0 | 3 | 0 |
| Other Wild | 3 | 0 | 31 | 0 |
| Exotic | 0 | 0 | 1 | 0 |
| Unknown | 0 | 0 | 1 | 0 |
| Total | 442 | 12 | 2121 | 32 |

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - September 1, 2001



Counties Under Rabies Alert: Greene

Correction: During July, a positive bat was reported in Dallas County. It has been determined that the exposure occurred in Laclede County.

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

| Signs and Symptoms of Diseases or Conditions | 2001 | 2000 | August 2001 by Health District | | | | | |
|--|--------|--------|--------------------------------|-----|-----|-----|-------|-----|
| | August | August | CD | ED | NE | NW | SE | SW |
| Animal Bites | 340 | 331 | 80 | 10 | 37 | 87 | 64 | 62 |
| Eye Redness w/drainage | 630 | 607 | 170 | 28 | 60 | 72 | 172 | 128 |
| Gastro-Intestinal illnesses | | | | | | | | |
| Diarrhea and/or vomiting | 2,528 | 2,275 | 582 | 176 | 201 | 217 | 817 | 535 |
| Other | 373 | 234 | 20 | 36 | 93 | 16 | 109 | 99 |
| Respiratory Illness | | | | | | | | |
| Flu-like illness | 1,300 | 1,148 | 469 | 73 | 114 | 185 | 184 | 275 |
| Pneumonia | 639 | 544 | 203 | 57 | 79 | 54 | 171 | 75 |
| Other-URI | 2,041 | 1,426 | 148 | 34 | 228 | 204 | 1,050 | 377 |
| Strep | 462 | 549 | 90 | 47 | 25 | 121 | 86 | 93 |
| Mono | 44 | 22 | 3 | 2 | 12 | 12 | 12 | 3 |
| Rash Illnesses | | | | | | | | |
| Chickenpox (varicella) | 110 | 86 | 32 | 6 | 3 | 29 | 33 | 7 |
| Shingles - (varicella zoster) | 77 | 43 | 20 | 0 | 9 | 9 | 20 | 19 |
| Fifth Disease | 34 | 10 | 6 | 2 | 0 | 1 | 12 | 13 |
| Hand, Foot & Mouth Disease | 44 | 115 | 1 | 0 | 1 | 4 | 19 | 19 |
| Other | 323 | 345 | 42 | 56 | 26 | 47 | 69 | 83 |
| Hepatitis | | | | | | | | |
| Hepatitis A | 4 | 14 | 0 | 0 | 0 | 0 | 2 | 2 |
| Hepatitis B | 29 | 11 | 5 | 0 | 1 | 14 | 3 | 6 |
| Hepatitis C | 113 | 76 | 9 | 0 | 1 | 39 | 27 | 37 |
| Infestations | | | | | | | | |
| Pediculosis | 1,483 | 1,722 | 208 | 28 | 104 | 122 | 694 | 327 |
| Scabies | 74 | 77 | 12 | 0 | 14 | 5 | 32 | 11 |
| Other | 24 | 29 | 1 | 0 | 7 | 2 | 9 | 5 |
| Central nervous system illnesses | | | | | | | | |
| Encephalitis | 6 | 1 | 1 | 0 | 0 | 0 | 5 | 0 |
| Meningitis | 38 | 35 | 1 | 0 | 0 | 12 | 10 | 15 |
| Hypothermia | 12 | 2 | 0 | 0 | 0 | 12 | 0 | 0 |
| Hyperthermia | 188 | 297 | 36 | 0 | 2 | 58 | 67 | 25 |
| Other | 39 | 15 | 0 | 0 | 0 | 1 | 1 | 37 |